J128

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Application Number 09/930,914

Filing Date August 15, 2001

First Named Inventor Yoshihiro Yamaguchi

Group Art Unit Number 2128

Examiner Name Fred O. Ferris, III

Total Number of Pages in This Submission 7 Attorney Docket Number 22837-06289

Total Number of Page	es in This Submission	7	Attorney	Docket Number	22837-062	89	
	ENCL	OSURES	(chec	(check all that apply)			
Return Receipt I Response to No Assignment & R Declaration Power of Attorne Application Data Information Disc Copie Request for Corn Request for Corn Amendment/Receipt I Status Request	Form (in duplicate) ck Enclosed Postcard tice to File Missing Pa ecordation Cover Sheet closure Statement & Pa s of IDS Cited Referent rected Filing Receipt rection of Recorded As sponse: Page(s	rts et FO/SB/08A aces ssignment		Issue Fee Transr Letter to Chief Dr Formal Drawing(s	mittal aftsperson s):) of Figure(s) [ication to Board ication to Group Brief, Reply Bri Priority Docum	d of Appeals p ief) nent(s)	and
REMARKS:							
	SIGNA	TURE OF	ATTOR	NEY OR AGEN	JT,	·	
Signature:		a.	(,	Smal	th		
Attorney/Reg. No.:	Albert C. Smith, Reg	. No. 20,355			Dated:	46	as
CERTIFICATE OF MAILING							
first class mail in an enve If the Express Mail Mailin	I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.						
Signature:		a.	_ C,	Smit	t		1
Typed or Printed Nam	ne: Albert C. Smit	h			Dated:	46	05
Express Mail Mailing	Number (optional):					· · · · · · · · · · · · · · · · · · ·	

FEE TRANSMITTAL for FY 2005

Patent fees are subject to annual revision.

Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$) 180

		Complete if Known	
	Application Number	09/930,914	
	Filing Date	August 15, 2001	
	First Named Inventor	Yoshihiro Yamaguchi	
	Examiner Name	Fred O. Ferris III	
_	Art Unit	2123	
-	Attorney Docket No.	22837-06289	

METHOD OF PAYM	FEE CALCULATION (continued)						
□ Check □ Credit Card □ Deposit Account:	☐ Money Order ☐ Other ☐ None	3. AE	DITION	AL FEE	s		
Deposit Account Number	19-2555	<u>Large</u>	Entity	Small	Entity	Fee Description	Fee Paid
Deposit Account Name	Fenwick & West LLP	Fee Code	Fee (\$)	Fee Code	Fee (\$)		
☐ Charge fee(s) indicate☑ Charge all required fee under 37 CFR §1.16 o application	horized to: (check all that apply) d below Credit any overpayments e(s) or any underpayment of fee(s) due r §1.17 during the pendency of this d below, except for the filing fee to	1051 1052 1053 1812 1804 1805	130 50 130 2,520 920* 1,840*	2051 2052 1053 1812 1804	65 25 130 2,520 920* 1,840*	Surcharge - late filing fee or oath or declaration Surcharge - late provisional filing fee or cover sheet Non-English specification For filing a request for ex parte reexamination Requesting publication of SIR prior to Examiner action Requesting publication of SIR after Examiner action	
	CALCULATION	1251	120	2251	60	Extension for reply within first month	
1. BASIC FILING FEE Large Entity Fee Fee Fee Code (\$) Code (\$)		1252 1253 1254 1255 1401 1402 1403 1451 1452 1453	450 1020 1,590 2,160 500 1000 1,510 500 1,500	2252 2253 2254 2255 2401 2402 2403 1451 2452 2453	225 510 795 1,080 250 250 500 1,510 250 750	Extension for reply within second month Extension for reply within third month Extension for reply within fourth month Extension for reply within fifth month Notice of Appeal Filing a brief in support of an appeal Request for oral hearing Petition to institute a public use proceeding Petition to revive - unavoidable Petition to revive - unintentional	
2. EXTRA CLAIM FEE	S FOR UTILITY AND REISSUE	1501	1,400	2501	700	Utility issue fee (or reissue)	
Total Claims -20**	xtra Claims Fee from Fee Paid	1502 1503	800 1100	2502 2503	400 550	Design issue fee Plant issue fee	
Independent Claims -3** =	x =	1460		1460		Petitions to the Director	
Multiple Dependent		1807	50	1807	50	Processing fee for Provisional Applications	
Large Entity Small Entity		1806	180	1806	180	Submission of Information Disclosure Stmt	180
Fee Fee Code (\$)	Fee Description	8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1202 50 2202 25	Claims in excess of 20	1809	790	2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	
1201 200 2201 100	Independent claims in excess of 3	1810	790	2810	395	For each additional invention to be examined (37 CFR 1.129(b))	
1203 360 2203 180	Multiple dependent claim, if not paid	1801	790	2801	395	Request for Continued Examination (RCE)	
1204 200 2204 100	**Reissue independent claims over original patent	1802	900	1802	900	Request for expedited examination of a design application	
1205 50 2205 25	**Reissue claims in excess of 20 and over original patent	Other	fee (specif	y)		<u>-</u>	
	OTAL (2) (\$) .00	•Reduc	ed by Basi	c Filina F	ee Paid	SUBTOTAL (3) (\$) 180	
or manuscriptoriously paid,	3.04.01, 1 01 110100000, 000 00010			g /	GIW		

SUBMITTED BY Complete (if applicable)						
Name (Print/Type)	Albert C. Smith	Registration No. (Attorney/Agent)	20,355	Telephone (650) 335-7296		
Signature	a	-Cr Smit	Date	4/6/05		

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT:

Yoshihiro Yamaguchi et al.

APPLICATION NO.:

09/930,914

FILING DATE:

August 15, 2001

TITLE:

BLADE SHAPE DESIGNING METHOD, PROGRAM THEREOF

AND INFORMATION MEDIUM HAVING THE PROGRAM

RECORDED THEREON

EXAMINER:

Fred O. Ferris III

GROUP ART UNIT:

2123

ATTY. DKT. NO.:

22837-06289

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below:

Dated:

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Albert C. Smith, Reg. No.: 20,355

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INFORMATION DISCLOSURE STATEMENT Under 37 CFR §§ 1.56 and 1.97-98

SIR:

Pursuant to the provisions of 37 CFR §§ 1.56 and 1.97-98, enclosed herewith is modified form PTO/SB/08A listing references for consideration by the Examiner.

The filing of this Information Disclosure Statement shall not be construed as a representation regarding the completeness of the list of references, or that inclusion of a reference in this list is an admission that it is prior art or is pertinent to this application, or that a search has been made, or as an admission that the information listed is, or may be considered to be, material to patentability, or that no other material information exists, and shall not be construed as an admission against interest in any manner.

This Information Disclosure Statement is being filed:

within three months of the filing date of the application, or date of entry into
the national stage of an international application, or before the mailing date of
a first office action on the merits, whichever event last occurred;
before the mailing of a first official action after the filing of a request for
continued examination (RCF) under 37 CFR & 1 114:

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\boxtimes	after th	nree mo	nths of the filing date of this national application or the date of						
	entry of the national stage in an international application, or after the mailing								
			st official action on the merits, whichever event last occurred, but						
	before the mailing date of the first to occur of either: (1) a final action under								
			3; or (2) an action that otherwise closes prosecution in the						
		ation, ar							
	\boxtimes	attach	attached hereto is the fee set forth under 37 CFR §1.17(p) for						
•	<u> </u>		ubmission of this Information Disclosure Statement under 37 CFR.§						
			c); OR						
		Applicant certifies pursuant to 37 CFR § 1.97(e) that:							
			each item of information contained in this Information						
			Disclosure Statement was first cited in a communication from						
	•		a foreign patent office in a counterpart foreign application not						
			more than three months prior to the filing of this Statement;						
			OR						
			no item of information contained in this Information						
			Disclosure Statement was cited in a communication from a						
			foreign patent office in a counterpart foreign application and,						
			to the knowledge of the person signing this certification after						
	,		making reasonable inquiry, no item of information contained						
			in this Statement was known to any individual designated						
			under 37 CFR § 1.56(c) more than three months prior to the						
			filing of this Statement;						
	on or	before t	the payment of the issue fee but after the mailing date of the first						
	to occur of either: (1) a final action under 37 CFR § 1.113; (2) a notice of								
	allow	ance un	der 37 CFR § 1.311; or (3) an action that otherwise closes						
	prosecution in the application, and:								
		Appli	cant certifies pursuant to 37 CFR. § 1.97(e) that:						
			each item of information contained in this Information						
			Disclosure Statement was cited in a communication from a						
			foreign patent office in a counterpart foreign application not						
			more than three months prior to the filing of this Statement;						
			no item of information contained in this Information						
			Disclosure Statement was cited in a communication from a						
			foreign patent office in a counterpart foreign application and,						
			to the knowledge of the person signing this certification after						
			making reasonable inquiry, no item of information contained						

			in this Statement was known to any individual designated					
			under 37 CFR § 1.56(c) more than three months prior to the					
			filing of this Statement; AND					
			attached hereto is the fee set forth under 37 CFR §1.17(p) for					
		_	submission of this Information Disclosure Statement under 37 CFR.§					
			1.97(c); OR					
	П	after tl	ne payment of the issue fee. Applicant requests that the information					
	ليا		ned in this Information Disclosure Statement be placed in the file					
			ling to 37 CFR § 1.97(i), although the information may not be					
			ered by the USPTO.					
\boxtimes	Enclos		copy of each listed reference that may be material to the examination of					
	-	-	n, and for which there may be a duty to disclose.					
		_	on relies, under 35 U.S.C. § 120, on the earlier filing date of prior					
			o, filed on, and the references cited therein are hereby					
			at are not required to be provided in this application under 37 CFR §					
	1.98(d	•						
	_	_	on was filed after June 30, 2003. Therefore, pursuant to the waiver of					
	the req	uireme	nts under 37 CFR 1.98(a)(2)(i), copies of each U.S. Patent and each					
	U.S. P	atent A	pplication Publication are not required to be submitted. Copies of any					
	foreign	foreign patent documents and non-patent literature cited herein are enclosed.						
	Each i	tem of i	nformation contained in this Information Disclosure Statement was					
	cited in	n a com	munication from a foreign patent office in a counterpart application,					
	and the	e comm	unication was not received by any individual designated in 37 CFR §					
	1.56(c)) more t	han thirty days prior to the filing of this Information Disclosure					
	Statem	ent. 37	CFR § 1.704(d).					
	Applic	ant sub	mits that no fee is required for the consideration of this Information					
	Disclo	sure Sta	ntement.					
Consid	deration	of the l	isted references and favorable action are solicited.					
			D (C11 1 14) 1					
			Respectfully submitted, YOSHIHIRO YAMAGUCHI ET AL.					
	,							
	4/6	,05	By: B.C. Smith					
	1		Albert C. Smith, Reg. No.: 20,355					
			Fenwick & West LLP					
			Silicon Valley Center					
			801 California Street Mountain View, CA 94041					
			Tel.: (650) 335-7296					
			Fax.: (650) 938-5200					

Dated:

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	Substitute for fo	orm 1449	A/PTO		Complete if Known
INEO		ו חופ	CLOSURE	Application No.	09/930,914
				Filing Date	August 15, 2001
SIA	STATEMENT BY APPLICANT			First Named Inventor	Yoshihiro Yamaguchi
				Art Unit	2123
				Examiner Name	Fred O. Ferris III
Sheet	1	of	1	Attorney Docket Number	22837-06289

	U.S. PATENT DOCUMENTS							
	Document No.							
Examiner Initials*	Cite No.1	Number – Kind Code ² (if known)	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document				
		US-						
		US-						
		US-						
		US-						

FOREIGN PATENT DOCUMENTS							
	Foreign Patent Document						
Examiner Initials*	Cite No.1	Country Code ³ – Number ⁴ Kind Code ⁵ (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶		
	 						

		OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
	A	FONSECA, Carlos M., et al., "Genetic Algorithms for Multiobjective Optimization: Formulation, Discussion and Generalization", Proceedings of the Fifth International Conference on Genetic Algorithms, University of Illinois, July 17-21, 1993, pp.416-423	
	В	MICHALEWICZ, Zbigniew, "GAs: What are they?", Genetric Algorithms + Data Structures = Evolution Programs, Book excerpts at Chapters 1, 2; pp. 13-44	

Examiner Signature	Date Considered	
1		

^{*}EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.